

Docket No. 4947-0087-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Toshiba, et al.

SERIAL NO: 09/442,646

GAU: 2626

FILED: November 18, 1999

EXAMINER: WALLERSON, M.

FOR: METHOD OF NORMALITY DECISION WITH REGARD TO INK CARTRIDGE AND PRINTER  
ACTUALIZING THE METHOD

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

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SIR:

Applicant(s) wish to disclose the following information.

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REFERENCES

- ☒ The Applicants wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☒ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of Applicants' pending applications and issued patent which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

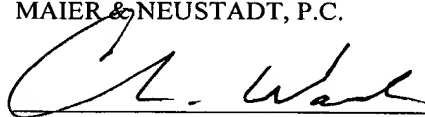
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Gregory J. Maier

Registration No. 25,599

07/02/2004 AMONDAF1 00000010 09442646

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Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Christopher D. Ward  
Registration No. 41,367

|                                       |  |  |  |                                       |  |                          |  |
|---------------------------------------|--|--|--|---------------------------------------|--|--------------------------|--|
| Form PTO 1449<br>(Modified)           |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTY DOCKET NO.<br>4947-0087-2        |  | SERIAL NO.<br>09/442,646 |  |
| LIST OF REFERENCES CITED BY APPLICANT |  |  |  | APPLICANT<br>Toshihisa SARUTA, et al. |  |                          |  |
| FILING DATE<br>November 18, 1999      |  |  |  | GROUP<br>2626                         |  |                          |  |

| U.S. PATENT DOCUMENTS |    |                    |          |                 |       |              |                               |
|-----------------------|----|--------------------|----------|-----------------|-------|--------------|-------------------------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER | DATE     | NAME            | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|                       | AA | 2002/0085051       | 7/4/02   | Saruta          |       |              |                               |
|                       | AB | 2003/0007027       | 1/9/03   | Saruta          |       |              |                               |
|                       | AC | 2002/0196302       | 12/26/02 | Saruta          |       |              |                               |
|                       | AD | 2002/0180851       | 12/5/02  | Saruta          |       |              |                               |
|                       | AE | 2003/0197751       | 10/23/03 | Saruta          |       |              |                               |
|                       | AF | 2004/0095407       | 5/20/04  | Saruta          |       |              |                               |
|                       | AG | 2003/0058297       | 3/27/03  | Saruta          |       |              |                               |
|                       | AH | 2002/0191038       | 12/19/02 | Tsuji           |       |              |                               |
|                       | AI | 6,565,198          | 5/20/03  | Saruta et al.   |       |              |                               |
|                       | AJ | 6,494,559          | 12/7/02  | Tsuji           |       |              |                               |
|                       | AK | 6,196,670          | 3/6/01   | Saruta          |       |              |                               |
|                       | AL | 5,049,898          | 9/17/91  | Arthur et al.   |       |              |                               |
|                       | AM | 5,812,156          | 9/22/98  | Bullock et al.  |       |              |                               |
|                       | AN | 5,365,312          | 11/15/94 | Hillmann et al. |       |              |                               |

| FOREIGN PATENT DOCUMENTS |    |                    |          |                           |             |    |
|--------------------------|----|--------------------|----------|---------------------------|-------------|----|
|                          |    | DOCUMENT<br>NUMBER | DATE     | COUNTRY                   | TRANSLATION |    |
|                          |    |                    |          |                           | YES         | NO |
|                          | AO | 8-187854           | 7/23/96  | Japan w/ English abstract |             | X  |
|                          | AP | 8-224885           | 9/3/96   | Japan w/ English abstract |             | X  |
|                          | AQ | 9-1823             | 1/7/97   | Japan w/ English abstract |             | X  |
|                          | AR | 9-314861           | 12/9/97  | Japan w/ English abstract |             | X  |
|                          | AS | 8-197748           | 8/6/96   | Japan w/ English abstract |             | X  |
|                          | AT | 62-184856          | 8/13/87  | Japan w/ English abstract |             | X  |
|                          | AU | 2-279344           | 11/15/90 | Japan w/ English abstract |             | X  |
|                          | AV | 10-217509          | 8/18/98  | Japan w/ English abstract |             | X  |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |
|---|----|--|
|   | AW |  |
|   | AX |  |
|   | AY |  |
|   | AZ |  |

|          |                 |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



|  |    |  |         |                                       |                       |  |                               |
|--|----|--|---------|---------------------------------------|-----------------------|--|-------------------------------|
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|  |    |  |         | FILING DATE<br>November 18, 1999      |                       | GROUP<br>2626  |                               |
| U.S. PATENT DOCUMENTS  |    |  |         |                                       |                       |  |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER   | DATE    | NAME                                  | CLASS                 | SUB<br>CLASS   | FILING DATE<br>IF APPROPRIATE |
|  | BA |  |         |                                       |                       |  |                               |
|  | BB |  |         |                                       |                       |  |                               |
|  | BC |  |         |                                       |                       |  |                               |
|  | BD |  |         |                                       |                       |  |                               |
|  | BE |  |         |                                       |                       |  |                               |
|  | BF |  |         |                                       |                       |  |                               |
|  | BG |  |         |                                       |                       |  |                               |
|  | BH |  |         |                                       |                       |  |                               |
|  | BI |  |         |                                       |                       |  |                               |
|  | BJ |  |         |                                       |                       |  |                               |
|  | BK |  |         |                                       |                       |  |                               |
|  | BL |  |         |                                       |                       |  |                               |
|  | BM |  |         |                                       |                       |  |                               |
|  | BN |  |         |                                       |                       |  |                               |
| FOREIGN PATENT DOCUMENTS   |    |  |         |                                       |                       |  |                               |
|  |    | DOCUMENT<br>NUMBER   | DATE    | COUNTRY                               | TRANSLATION<br>YES NO |  |                               |
|  | BQ | 4-500482   | 1/30/92 | Japan (corresponds to U.S. 5,365,312) |                       |  | X                             |
|  | BR |  |         |                                       |                       |  |                               |
|  | BQ |  |         |                                       |                       |  |                               |
|  | BR |  |         |                                       |                       |  |                               |
|  | BS |  |         |                                       |                       |  |                               |
|  | BT |  |         |                                       |                       |  |                               |
|  | BU |  |         |                                       |                       |  |                               |
|  | BV |  |         |                                       |                       |  |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  |    |  |         |                                       |                       |  |                               |
|  | BW |  |         |                                       |                       |  |                               |
|  | BX |  |         |                                       |                       |  |                               |
|  | BY |  |         |                                       |                       |  |                               |
|  | BZ |  |         |                                       |                       | <input type="checkbox"/> Additional References sheet(s) attached |                               |
| Examiner   |    |  |         |                                       | Date Considered       |  |                               |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |         |                                       |                       |  |                               |



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LIST OF RELATED CASES

| <u>Docket Number</u> | <u>Serial or<br/>Patent Number</u> | <u>Filing or<br/>Issue Date</u> | <u>Inventor/<br/>Applicant</u> |
|----------------------|------------------------------------|---------------------------------|--------------------------------|
| PER CLIENT           | 6,565,198                          | 05/20/03                        | SARUTA et al.                  |
| PER CLIENT           | 10/162,655                         | 06/05/02                        | SARUTA                         |
| PER CLIENT           | 10/197,407                         | 07/18/02                        | SARUTA                         |
| PER CLIENT           | 10/197,408                         | 07/18/02                        | SARUTA                         |
| PER CLIENT           | 10/445,036                         | 05/27/03                        | SARUTA                         |
| PER CLIENT           | 10/465,650                         | 06/20/03                        | SARUTA                         |
| PER CLIENT           | 09/996,986                         | 11/30/01                        | SARUTA                         |
| PER CLIENT           | 10/060,251                         | 02/01/02                        | SARUTA                         |
| PER CLIENT           | 09/857,483                         | 06/04/01                        | TSUJI                          |
| PER CLIENT           | 10/286,807                         | 11/04/02                        | SARUTA                         |
| PER CLIENT           | 6,494,559                          | 12/17/02                        | TSUJI                          |
| PER CLIENT           | 10/224,188                         | 08/20/02                        | TSUJI                          |
| 4947-0087-2*         | 09/442,646                         | 11/18/99                        | SARUTA et al.                  |

\*Present Application; listed for information  
GJM/akh

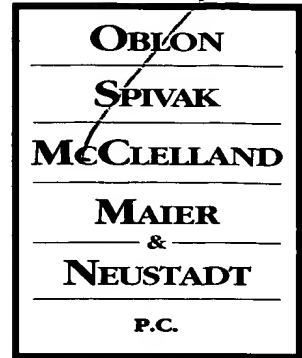
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Docket No.: 4947-0087-2



COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 09/442,646  
Applicants: Toshihisa SARUTA, et al.  
Filing Date: November 18, 1999  
For: METHOD OF NORMALITY DECISION  
WITH REGARD TO INK CARTRIDGE  
AND PRINTER ACTUALIZING THE  
METHOD  
Group Art Unit: 2626  
Examiner: WALLERSON, M.



ATTORNEYS AT LAW

GREGORY J. MAIER  
(703) 413-3000  
GMAIER@OBLON.COM

CHRISTOPHER D. WARD  
SENIOR ASSOCIATE  
(703) 413-3000  
CWARD@OBLON.COM

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SIR:

Attached hereto for filing are the following papers:

**REQUEST FOR RECONSIDERATION  
INFORMATION DISCLOSURE STATEMENT  
PTO-1449 (2)  
CITED REFERENCES (23)  
IDS/RELATED/LIST OF RELATED CASES  
CITED PENDING APPLICATION (1)**

Our credit card payment form in the amount of \$180.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Gregory J. Maier

Registration No. 25,599

Customer Number

**22850**

(703) 413-3000 (phone)  
(703) 413-2220 (fax)

Christopher D. Ward  
Registration No. 41,367